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c atg aaa aca aaa ctg gat ttt cta aaa atg aag gag tct gaa gaa ccg  289
  Met Lys Thr Lys Leu Asp Phe Leu Lys Met Lys Glu Ser Glu Glu Pro
   1               5                  10                  15

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Ile Val Met Leu Thr Ala Tyr Asp Tyr Pro Ala Ala Lys Leu Ala Glu
             20                  25                  30

caa gcg gga gtt gac atg att tta gtc ggt gat tca ctt gga atg gtc      385
Gln Ala Gly Val Asp Met Ile Leu Val Gly Asp Ser Leu Gly Met Val
             35                  40                  45

gtc ctc ggc ctt gat tca act gtc ggt gtg aca gtt gcg gac atg atc      433
Val Leu Gly Leu Asp Ser Thr Val Gly Val Thr Val Ala Asp Met Ile
         50                  55                  60

cat cat aca aaa gcc gtt aaa agg ggt gcg ccg aat acc ttt att gtg      481
His His Thr Lys Ala Val Lys Arg Gly Ala Pro Asn Thr Phe Ile Val
65                  70                  75                  80

aca gat atg ccg ttt atg tct tat cac ctg tct aag gaa gat acg ctg      529
Thr Asp Met Pro Phe Met Ser Tyr His Leu Ser Lys Glu Asp Thr Leu
                 85                  90                  95

aaa aat gca gcg gct atc gtt cag gaa agc gga gct gac gca ctg aag      577
Lys Asn Ala Ala Ala Ile Val Gln Glu Ser Gly Ala Asp Ala Leu Lys
             100                 105                 110
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gga ggc att cca gta gtc agt cac tta ggt ttg aca ccg cag tca gtc      673
Gly Gly Ile Pro Val Val Ser His Leu Gly Leu Thr Pro Gln Ser Val
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ggc gta ctg ggc ggc tat aaa gta cag ggc aaa gac gaa caa agc gcc      721
Gly Val Leu Gly Gly Tyr Lys Val Gln Gly Lys Asp Glu Gln Ser Ala
145                 150                 155                 160

aaa aaa tta ata gaa gac agt ata aaa tgc gaa gaa gca gga gct atg      769
Lys Lys Leu Ile Glu Asp Ser Ile Lys Cys Glu Glu Ala Gly Ala Met
                165                 170                 175

atg ctt gtg ctg gaa tgt gtg ccg gca gaa ctc aca gcc aaa att gcc      817
Met Leu Val Leu Glu Cys Val Pro Ala Glu Leu Thr Ala Lys Ile Ala
            180                 185                 190

gag acg cta agc ata ccg gtc att gga atc ggg gct ggt gtg aaa gcg      865
Glu Thr Leu Ser Ile Pro Val Ile Gly Ile Gly Ala Gly Val Lys Ala
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Asp Gly Gln Val Leu Val Tyr His Asp Ile Ile Gly His Gly Val Glu
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aga aca cct aaa ttt gta aag caa tat acg cgc att gat gaa acc atc      961
Arg Thr Pro Lys Phe Val Lys Gln Tyr Thr Arg Ile Asp Glu Thr Ile
225                 230                 235                 240

gaa aca gca atc agc gga tat gtt cag gat gta aga cat cgt gct ttc     1009
Glu Thr Ala Ile Ser Gly Tyr Val Gln Asp Val Arg His Arg Ala Phe
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cct gaa caa aag cat tcc ttt caa atg aac cag aca gtg ctt gac ggc     1057
Pro Glu Gln Lys His Ser Phe Gln Met Asn Gln Thr Val Leu Asp Gly
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ttg tac ggg gga aaa taag atg aga cag att act gat att tca cag ctg    1106
Leu Tyr Gly Gly Lys      Met Arg Gln Ile Thr Asp Ile Ser Gln Leu
        275                      280                 285

aaa gaa gcc ata aaa caa tac cat tca gag ggc aag tca atc gga ttt     1154
Lys Glu Ala Ile Lys Gln Tyr His Ser Glu Gly Lys Ser Ile Gly Phe
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Val Pro Thr Met Gly Phe Leu His Glu Gly His Leu Thr Leu Ala Asp
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aaa gca aga caa gaa aac gac gcc gtt att atg agt att ttt gtg aat    1250
Lys Ala Arg Gln Glu Asn Asp Ala Val Ile Met Ser Ile Phe Val Asn
320                 325                 330                 335

cct gca caa ttc ggc cct aat gaa gat ttt gaa gca tat ccg cgc gat   1298
Pro Ala Gln Phe Gly Pro Asn Glu Asp Phe Glu Ala Tyr Pro Arg Asp
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